



INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/771,931	
			Filing Date	February 4, 2004	
			First Named Inventor	Harry S. COURTNEY	
			Art Unit	1645	
			Examiner Name	BASKAR	
Sheet	1	of	3	Attorney Docket Number	13314.1001U

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
PB	1	US-2002/0176863 A1	Nov. 28, 2002	Dale	
PB	2	US-6,619,932 B1	Jul. 169, 2002	Dale	
PB	3	US-6,063,386	May 16, 2000	Dale, et al.	
PB	4	US-4,919,930	Apr. 24, 1990	Beachey, et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		T ²
PB	1	COURTNEY, Harry S., et al.; "Serum Opacity Factor (SOF) of <i>Streptococcus pyogenes</i> Evokes Antibodies that Opsonize Homologous and Heterologous SOF-Positive Serotypes of Group A Streptococci," <i>Infection and Immunity</i> , Vol. 71, No. 8, pp. 5097-5103 (Sept. 2003)		
PB	2	COURTNEY, Harry S., et al.; "Molecular Mechanisms of Adhesion, Colonization, and Invasion of Group A Streptococci," <i>Annals of Medicine</i> , Vol. 34, No. 2, pp. 77-87 (2002)		
PB	3	COURTNEY, Harry S., et al.; "Mapping the Fibrinogen-Binding Domain of Serum Opacity Factor of Group A Streptococci," <i>Current Microbiology</i> , Vol. 44, No. 2, pp. 236-240 (2002)		
PB	4	BRANDT, Evelyn R., et al.; "Protective and Nonprotective Epitopes from Amino Termini of M Proteins from Australian Aboriginal Isolates and Reference Strains of Group A Streptococci," <i>Infection and Immunity</i> , Vol. 68, No. 12, pp. 6587-6594 (December 2000)		
PB	5	CUNNINGHAM, Madeleine W.; "Pathogenesis of Group A Streptococci Infections," <i>Clinical Microbiology Reviews</i> , Vol. 13, No. 3, pp. 470-511 (July 2000)		
PB	6	BEALL, Bernard, et al.; "EMM and SOF Gene Sequence Variation in Relation to Serological Typing of Opacity-Factor-Positive Group A Streptococci," <i>Microbiology</i> , Vol. 146, pp. 1195-1209 (2000)		
PB	7	COURTNEY, Harry S., et al.; "Serum Opacity Factor is a Major Fibronectin-binding Protein and a Virulence Determinant of M Type 2 <i>Streptococcus pyogenes</i> ," <i>Molecular Microbiology</i> , Vol. 32, No. 1, pp. 89-98 (1999)		
PB	8	DALE, James B., et al.; "New Protective antigen of Group A Streptococci," <i>The Journal of Clinical Investigation</i> , Vol. 103, No. 9, pp. 1261-1268 (May 1999)		
PB	9	DALE, James B., et al.; "Recombinant, Octavalent Group A Streptococcal M Protein Vaccine," <i>Vaccine</i> , Vol. 14, No. 10, pp. 944-948 (1996)		
PB	10	BISNO, Alan L. M.D., et al.; "Streptococcal Infections of Skin and Soft Tissues," <i>The New England Journal of Medicine</i> , Vol. 334, No. 4, pp. 240-245 (Jan 1996)		

Examiner Signature	/Padmavathi Baskar/	Date Considered	07/07/2006
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PB	11	KREIKEMEYER, B., et al.; "Characterization of a Novel Fibronectin-Binding surface protein in Group A Streptococci," <i>Molecular Microbiology</i> , Vol. 17, No. 1, pp. 137-145 (1995)				
PB	12	RAKONJAC, Jasna V., et al.; "DNA Sequence of the Serum Opacity Factor of Group A Streptococci: Identification of a Fibronectin-Binding Repeat Domain," <i>Infection and Immunity</i> , Vol. 63, No. 2, pp. 622-631 (February 1995)				
PB	13	DALE, James B., et al.; "Passive Protection of Mice Against Group A Streptococci Pharyngeal Infection by Lipoteichoic Acid," <i>The Journal of Infectious Diseases</i> , Vol. 169, pp. 319-323 (1994)				
PB	14	LINDGREN, Per-Eric., et al.; "Two Different Genes Coding for Fibronectin-Binding Proteins from <i>Streptococcus Dysgalactiae</i> ," <i>Eur. J. Biochem</i> , Vol. 214, pp. 819-827 (1993)				
PB	15	SARAVANI, G.A., et al.; "Opacity Factor from Group A Streptococci Ins an Apoproteinase," <i>FEMS Microbiology Letters</i> , Vol. 68, pp. 35-40 (1990)				
PB	16	FISCHETTI, Vincent A.; "Streptococcal M Protein: Molecular Design and Biological Behavior," <i>Clinical Microbiology Reviews</i> , Vol. 2, No. 3 pp. 285-314 (1989)				
PB	17	DALE, James B., et al.; "Human Cytotoxic T Lymphocytes Evoked by Group A Streptococcal M Proteins," <i>Journal of Experimental Medicine</i> , Vol. 166, pp. 1825-1835 (December 1987)				
PB	18	DALE, James B., et al.; "Sequence of Myosin-Crossreactive Epitopes of Streptococcal M Protein," <i>The Journal of Experimental Medicine</i> , Vol. 164, pp. 1785-1790 (November 1986)				
PB	19	WANNAMAKER, Lewis W. M.D.; "Differences Between Streptococcal Infections of the Throat and of the Skin," <i>The New England Journal of Medicine</i> , Vol. 282, No. 1, pp. 23-30 (Jan. 1970)				
PB	20	KRUMWIEDE, Elma; "Studies on a Lipoproteinase of Group A Streptococci," <i>The Journal of Experimental Medicine</i> , Vol. 100, pp. 629-639 (1954)				

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PB	21	WARD, Hugh K., et al.; "Studies on Haemolytic Streptococci from Human Sources," <i>The Australian Journal of Experimental Biology and Medical Science</i> , Vol. 16, pp. 180-192 (1938)	

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PTO/SB/08 (10-01)

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PB	1	US-6,419,832 B1	July 16, 2002	Dai	
PB	2	US-6,707,822	January 13, 1998	Fischetti, et al.	
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